



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090438

Mode: Highway

Status: Submitted

NC-24, NC-27

From/Cross Street: Courthouse West of NC 22
(McNeill Street)

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 15/501

Project Category: Regional Impact

Length: 1.36

TIP#: U-3628

Fully Funded in Draft STIP? No

Cost to NCDOT: \$5,467,000

Description:

Courthouse West of NC 22 (McNeill Street) to US 15/501. Widen to Three Lanes with Curb and Gutter. Tarpo Requests Additional Bicycle and Pedestrian Accommodations.

Division(s): Division 8

County(s): MOORE

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 46.08

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 49.53	Percent: 15%	Percent: 15%
Safety (10%) 25.06	Points: 100	Points: 100
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 11.93		
Totals: Weight: 70% Weighted Score: 16.08		

Division Needs Total Score: 12.41

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 49.53	Percent: 25%	Percent: 25%
Safety (10%) 25.06	Points: 0	Points: 0
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 12.41		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.36
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	11801.09
Capacity:	15800
Volume/Capacity Ratio:	0.75
% Autos:	93%
% Trucks:	7%
Truck Volume:	786.8
Crash Density:	33
Crash Severity:	20.95
Critical Crash Rate:	21.25
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	66
Actual Congested Speed:	30.75
Travel Time Index:	1.14

Project Benefits

Project Cross-Section:	3C - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.36
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$3,192,000	TIP Unit
Right-of-Way Cost:	\$2,031,000	Cost Estimation Tool
Utilities Cost:	\$244,000	Cost Estimation Tool
Total Project Cost:	\$5,467,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$5,467,000	